

Title (en)

CEILING FAN IMPELLER HUB INCLUDING TWO COAXIAL PARTS THAT CLAMP A ROLLING BEARING RACE

Title (de)

DECKENVENTILATOR-LAUFRADNABE, DAS ZWEI KOAXIALE TEILE AUFWEIST, DIE EINEN WÄLZLAGERRING EINKLEMMEN

Title (fr)

MOYEU DE VENTILATEUR DE PLAFOND COMPRENANT DEUX PARTIES COAXIALES QUI ENSERRENT UNE BAGUE DE PALIER

Publication

**EP 3677789 A2 20200708 (EN)**

Application

**EP 19206546 A 20191031**

Priority

TW 108100378 A 20190104

Abstract (en)

A motor including a support unit (1), a first rotating part (2), a second rotating part (3), a rotor (4) and a stator (5) is disclosed. The support unit (11) includes an axle (11) and a bearing (12) coupled with the axle. The first rotating part (2) is fit around the axle (11) and is coupled with the bearing (12). The second rotating part (2) is coupled with the first rotating part (2). The rotor (4) is coupled with the second rotating part (3). The stator (5) is connected to the support unit (11).

IPC 8 full level

**F04D 25/08** (2006.01); **F04D 25/06** (2006.01); **F04D 29/02** (2006.01); **F04D 29/059** (2006.01); **F04D 29/32** (2006.01); **F04D 29/64** (2006.01); **H02K 5/173** (2006.01)

CPC (source: CN EP US)

**F04D 25/062** (2013.01 - EP); **F04D 25/088** (2013.01 - CN EP US); **F04D 29/023** (2013.01 - EP); **F04D 29/329** (2013.01 - EP); **F04D 29/601** (2013.01 - CN); **F04D 29/646** (2013.01 - EP); **H02K 1/187** (2013.01 - EP); **H02K 1/28** (2013.01 - EP); **H02K 5/1737** (2013.01 - EP); **H02K 7/003** (2013.01 - US); **H02K 7/083** (2013.01 - US); **H02K 7/086** (2013.01 - US); **H02K 7/14** (2013.01 - CN EP)

Citation (applicant)

- US 2017370367 A1 20171228 - HORNG ALEX [TW], et al
- TW I617743 B 20180311 - SUNONWEALTH ELECTRIC MACHINE IND CO LTD [TW]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3677789 A2 20200708**; **EP 3677789 A3 20200909**; **EP 3677789 B1 20220608**; CN 111416476 A 20200714; CN 111416476 B 20211001; TW 202027381 A 20200716; TW I679830 B 20191211; US 11527937 B2 20221213; US 2020220426 A1 20200709

DOCDB simple family (application)

**EP 19206546 A 20191031**; CN 201910035773 A 20190115; TW 108100378 A 20190104; US 201916671265 A 20191101